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**AUG 23 2004**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

# OFFICIAL

<b>In re United States Patent Application of:</b>		<b>Docket No.:</b>	<b>ATMI-249 DIV RCE (7486)</b>
<b>Applicant:</b>	<b>BAUM, Thomas H., et al.</b>	<b>Examiner:</b>	<b>MARKHAM, Wesley D.</b>
<b>Application No.:</b>	<b>09/620,162</b>	<b>Art Unit:</b>	<b>1762</b>
<b>Date Filed:</b>	<b>July 20, 2000</b>	<b>Confirmation No.:</b>	<b>2598</b>
<b>Title:</b>	<b>COMPOSITION AND METHOD FOR FORMING DOPED A-SITE DEFICIENT THIN-FILM MANGANATE LAYERS ON A SUBSTRATE</b>	<b>Customer No.:</b>	<b>25559</b>

## FACSIMILE TRANSMISSION CERTIFICATE

**ATTN: Examiner WESLEY MARKHAM**

**Fax No. (703) 872-9306**

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Number of Pages

Justin A. \_\_\_\_\_

Tristan A. Fuierer

August 23, 2004

Date \_\_\_\_\_

**AMENDMENT RESPONDING TO MARCH 22, 2004 OFFICE ACTION IN  
U.S. PATENT APPLICATION NO. 09/620,162 AND  
PETITION FOR TWO MONTH EXTENSION OF TIME UNDER 37 C.F.R. § 1.136**

**Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Sir:

This responds to the March 22, 2004 Office Action in the above-identified patent application. 5

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ATMI-249 DIV RCE

Please amend the claims of the application as set out in the following **Section I (Amendments to the Claims)**.

Remarks addressing the substance of the March 22, 2004 Office Action are set out in the **Section II (Remarks)** hereof.